



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

89459-130

Date of Issuance:

5/2/22

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Prallethrin Technical NC

Name and Address of Registrant (include ZIP Code):

Heather Friedli
Central Garden & Pet Company
1501 E. Woodfield Road, Ste. 200W
Schaumburg, IL 60173

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 89459-130."
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

Jacquelyn Herrick, Product Manager 03
Invertebrate-Vertebrate Branch 1, Registration Division (7505T)

Date:

5/2/22

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 06/09/2020

If you have any questions, please contact Jamey Shuler by phone at (202) 566-2898, or via email at Shuler.Jamey@epa.gov.

Enclosure

[Text in brackets alone are optional statements or alternative statements.]

Prallethrin Technical NC

For Formulating Use Only

ACTIVE INGREDIENT:

Prallethrin (CAS No. 23031-36-9) 98.5%

OTHER INGREDIENTS: 1.5%

TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN
WARNING**

Manufactured for:

Central Garden & Pet Company
1501 East Woodfield Road 200W
Schaumburg, IL 60173

EPA Reg. No: 89459-XXX

EPA Est. No: _____

Net Contents: _____

{Lot # to be printed on container}

ACCEPTED

05/02/2022

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under

EPA Reg. No. 89459-130

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapors. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• DO NOT induce vomiting unless told to do so by a poison control center or doctor.• DO NOT give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
IF IN EYES:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact [phone number] for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

This product is to be used for the formulation of insecticides for the following uses.

1. For use in the formulation of ULV mosquito adulticide products for wide-area mosquito control over, near and around agricultural lands.
2. Indoor food use areas: This product cannot be tank mixed with synergists for use in food areas of food handling establishments.
3. Indoor, non-food/non-feed areas of residential, industrial, commercial and institutional buildings
4. Indoor/outdoor Residential
5. **Other Uses:** Uses for which the US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration excluding any use strictly prohibited by this label. Uses for experimental purposes that are in compliance with the US EPA's requirements.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry, well-ventilated place away from food, drink, and animal feeding stuffs. If spilled, **DO NOT** flush to waterways (see **ENVIRONMENTAL HAZARDS**). Keep containers closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. **DO NOT** reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into formulation equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures allowed by state and local authorities.

WARRANTY STATEMENT

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Central Garden & Pet Company or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Central Garden & Pet Company and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, Central Garden & Pet Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Central Garden & Pet Company., and Buyer and User assume the risk of any such use. **CENTRAL GARDEN & PET COMPANY MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, **IT IS CENTRAL GARDEN & PET COMPANY, AND SELLERS INTENTION THAT** in no event shall Central Garden & Pet Company or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF CENTRAL GARDEN & PET COMPANY, AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF CENTRAL GARDEN & PET COMPANY OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

To the extent consistent with applicable law, Central Garden & Pet Company and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Central Garden & Pet Company.

		United States Environmental Protection Agency 1200 Pennsylvania Avenue, N.W. Washington, DC 20460-0001		<input checked="" type="checkbox"/> Registration <input type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number
Application for Pesticide – Section I					
1. Company/Product Number Central Garden & Pet Company/89459-RGN		2. EPA Product Manager Jackie Herrick		3. Proposed Classification	
4. Company/ Product (Name) Central Garden & Pet Company/Prallethrin Technical NC		PM # 3		<input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
5. Name and Address of Applicant (Include ZIP Code) Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i) my product is similar or identical in composition and labeling to: EPA Reg. No.: Product Name:			
Section – II					
<input type="checkbox"/> Amendment – Explain below. <input checked="" type="checkbox"/> Resubmission in response to Agency letter dated <u>May 27, 2021</u> <input type="checkbox"/> Notification – Explain below.			<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other – Explain below.		
Explanation: Use additional page(s) if necessary. (For Section I and Section II.) Submission of an amended preliminary analysis report with updated data matrix for Prallethrin Technical NC, EPA Admin. Code 89459-RGN, in response to the Agency's May 27, 2021 75-Day letter (Extension of due date granted per October 14, 2021 email from Jackie Herrick). For questions, contact: Heather Friedli at 847-330-5378 or hfriedli@central.com.					
Section – III					
1. Material This Product Will Be Packaged In:					
Child Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify): _____		
*Certification must be submitted		If "Yes" Unit Packaging Wt.	No. Per Container	If "Yes" Packaging Wt.	No. Per Container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 55 gal, 250 gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling Accompanying Product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Stenciled <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Other			
Section – IV					
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).					
Name Heather Friedli		Title Regulatory Affairs Specialist		Telephone No. (Include Area Code) (847)330-5378	
Certification					6. Date Application Received (Stamped)
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					
2. Signature 		3. Title Regulatory Affairs Specialist			
4. Typed Name Heather Friedli		5. Date October 14, 2021			



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, Collection Strategies Division (2822T), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Central Garden & Pet Co., 1501 E. Woodfield Rd, Ste 200 W, Schaumburg, IL, 60173 (847) 330-5378	EPA Registration Number/File Symbol 89459-RGN
Active Ingredient(s) and/or representative test compound(s) Prallethrin	Date October 14, 2021
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) For Formulating Use Only	Product Name Prallethrin Technical NC

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

<input type="checkbox"/> I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).	<input checked="" type="checkbox"/> I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).
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SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date Oct. 14, 2021	Typed or Printed Name and Title Heather Friedli, Regulatory Affairs Specialist
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401 M Street, S.W.
WASHINGTON, D.C. 20460


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DATA MATRIX

Date October 14, 2021	EPA Reg. No./File Symbol 89459-RGN	Page 1 of 7
Applicant's / Registrant's Name & Address Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173	Product Prallethrin Technical NC	

Ingredient **Prallethrin (CAS No.23031-36-9)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Chemistry Guidelines					
830.1550	Product Identity and Composition	51176501	Central Garden & Pet Company	OWN	
830.1600	Description of Materials Used to Produce the Product	51176501	Central Garden & Pet Company	OWN	
830.1620	Description of Production Process	51176501	Central Garden & Pet Company	OWN	
830.1650	Description of Formulation Process	N/A			Not Required ¹
830.1670	Discussion of Formation of Impurities	51176501	Central Garden & Pet Company	OWN	
830.1700	Preliminary Analysis	51694601	Central Garden & Pet Company	OWN	
830.1750	Certified Limits	51176501	Central Garden & Pet Company	OWN	
830.1800	Enforcement Analytical Method	51176505	Central Garden & Pet Company	OWN	
830.6302	Color	51176503	Central Garden & Pet Company	OWN	
830.6303	Physical State	51176503	Central Garden & Pet Company	OWN	
830.6304	Odor	51176503	Central Garden & Pet Company	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	51176503	Central Garden & Pet Company	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatibility	N/A			Not Required ²
830.6315	Flammability	N/A			Not Required ³
830.6316	Explosibility	N/A			See endnote ⁴
830.6317	Storage Stability	51176504	Central Garden & Pet Company	OWN	
830.6319	Miscibility	N/A			Not Required ⁵
830.6320	Corrosion Characteristics	51176504	Central Garden & Pet Company	OWN	
830.6321	Dielectric Breakdown Voltage	N/A			Not Required ⁶
830.7000	pH	51176503	Central Garden & Pet Company	OWN	
830.7050	UV/Visible Absorption	51176503	Central Garden & Pet Company	OWN	
830.7100	Viscosity	44785302	Sumitomo Chemical Company	OLD	
830.7200	Melting Point/Melting Range	N/A			Not Required ⁷


Signature 	Name and Title Heather Friedli Regulatory Affairs Specialist	Date October 14, 2021
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Applicant's / Registrant's Name & Address Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173			Product Prallethrin Technical NC		
Ingredient Prallethrin (CAS No.23031-36-9)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7220	Boiling Point/Boiling Range	51176503	Central Garden & Pet Company	OWN	
830.7300	Density/Relative Density/Bulk Density	51176503	Central Garden & Pet Company	OWN	
830.7370	Dissociation Constants in Water	44785302	Sumitomo Chemical Company	OLD	
830.7520	Particle Size, Fiber Length, and Diameter Distribution	N/A			Not Required ⁸
830.7550, 830.7560, 830.7570	Partition Coefficient (n-octanol/water)	44785302	Sumitomo Chemical Company	OLD	
830.7840, 830.7860	Water Solubility	44785302	Sumitomo Chemical Company	OLD	
830.7950	Vapor Pressure	50326201	Sumitomo Chemical Company	PAY	
Acute Toxicity Guidelines					
870.1100	Acute Oral Toxicity: Rat	42030903	Sumitomo Chemical Company	OLD	
870.1200	Acute Dermal Toxicity: Rat	41321812	Sumitomo Chemical Company	OLD	
870.1300	Acute Inhalation Toxicity: Rat	49937501	Sumitomo Chemical Company	PAY	
870.2400	Primary Eye Irritation: Rabbit	42030905	Sumitomo Chemical Company	OLD	
870.2500	Primary Dermal Irritation: Rabbit	42030905	Sumitomo Chemical Company	OLD	
870.2600	Dermal Sensitization	41321815	Sumitomo Chemical Company	OLD	
Toxicity Data Guidelines					
870.6100	Delayed neurotoxicity (acute) – hen	N/A			Not Required ⁹
870.6200	Acute neurotoxicity – rat	43343301 43694501 44892202 48333801	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD PAY	
870.3100	90-Day Oral: Rodent	41321816 42077004	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
870.3150	90-Day Oral: Non-Rodent	41321817 42077001	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
Signature 			Name and Title Heather Friedli Regulatory Affairs Specialist		Date October 14, 2021



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Ingredient Prallethrin (CAS No.23031-36-9)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3200	21/28 Day Dermal Toxicity	42999101 44896601	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
870.3250	90-Day Dermal Toxicity	N/A			Not Required ¹⁰
870.3465	90-Day Inhalation Toxicity	42030907	Sumitomo Chemical Company	OLD	
870.3700	Prenatal Developmental Toxicity Study	41321820 41321821 42077005 42030908	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD OLD	
870.3800	Reproduction and Fertility Effects	42030909 42077006 42178501 42899501	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD OLD	
870.4100	Chronic Toxicity – Non-Rodent	42077002	Sumitomo Chemical Company	OLD	
870.4200	Carcinogenicity	42077003	Sumitomo Chemical Company	OLD	
870.4300	Combined Chronic Toxicity/Carcinogenicity	41321819 42061401	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
870.5100	Bacterial Reverse Mutation Assay	41321822	Sumitomo Chemical Company	OLD	
870.5265, 870.5300, 870.5375, 870.5395	Mutagenicity Testing	41321822 41321823 41321824 41321825 41321826 41352201 41393801 42030910 42030911 42030914 42182601 42999901	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	
870.5550	Bacterial DNA Damage or Repair Tests	42030912	Sumitomo Chemical Company	OLD	
Signature 			Name and Title Heather Friedli Regulatory Affairs Specialist		Date October 14, 2021



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Applicant's / Registrant's Name & Address Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173			Product Prallethrin Technical NC		
Ingredient Prallethrin (CAS No.23031-36-9)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.6300	Developmental neurotoxicity study	46054101	Bayer CropScience	OLD	
870.7485	Metabolism and Pharmacokinetics	41321827 42030913	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
870.7600	Dermal Penetration	N/A			Not Required ¹¹
870.7800	Immunotoxicity	N/A			See endnote ¹²
Environmental Toxicity Guidelines					
835.6200	Aquatic (sediment)	49176907	Sumitomo Chemical Company	PAY	
850.2100	Acute Avian Oral Toxicity	41321804 41321805	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
850.2200	Acute Avian Dietary Toxicity	41321806 41321807	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
850.2300	Avian Reproductive Toxicity	43773402 43773403 43773404 43797604	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD OLD	
850.1075	Freshwater/Estuarine/Marine Fish Toxicity	41321808 41321809 44729604 49176904 49430801	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD PAY PAY	
850.1010	Freshwater Invertebrate Toxicity	41321810 49176908 49450701	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD PAY PAY	
850.1025, 850.1035, 850.1055	Acute Toxicity Estuarine and Marine Organisms	44729601 44729603	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
850.1300	Aquatic Invertebrate Life Cycle (Freshwater)	44729605	Sumitomo Chemical Company	OLD	
Signature 			Name and Title Heather Friedli Regulatory Affairs Specialist		Date October 14, 2021



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DATA MATRIX


Date October 14, 2021	EPA Reg. No./File Symbol 89459-RGN	Page 5 of 7
Applicant's / Registrant's Name & Address Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173	Product Prallethrin Technical NC	

Ingredient **Prallethrin (CAS No.23031-36-9)**

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1350	Aquatic Invertebrate Life Cycle (Salt Water)	49176905	Sumitomo Chemical Company	PAY	
850.1400	Fish Early Life Stage (Freshwater)	44729604	Sumitomo Chemical Company	OLD	
850.1730	Fish Bioconcentration Factor	42810802 43758001	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
850.1735	Whole Sediment, Freshwater Invertebrate Toxicity	47762401 49452601	Sumitomo Chemical Company Sumitomo Chemical Company	PAY PAY	
850.3020	Honeybee acute contact toxicity	41321828	Sumitomo Chemical Company	OLD	
850.3030	Honeybee toxicity of residues on foliage	43749301	Sumitomo Chemical Company	OLD	
850.4100	Tier I: Seedling Emergence	47431602	Sumitomo Chemical Company	PAY	
850.4150	Tier I: Vegetative Vigor	47431603	Sumitomo Chemical Company	PAY	
850.4400	Tier I: Aquatic Plant Growth – Vascular Plants	48055902	McLaughlin, Gormley, King Co.	PAY	
850.5400	Tier I: Aquatic Plant Growth – Algae	49176903 49176909	Sumitomo Chemical Company Sumitomo Chemical Company	PAY PAY	
850.6100	Environmental Chemistry Methods	49472701	Sumitomo Chemical Company	PAY	

Exposure Guidelines

875.1100	Dermal Exposure – Outdoor		Residential Exposure Joint Venture	PER	Member of Task Force
875.1300	Inhalation Exposure – Outdoor		Residential Exposure Joint Venture	PER	Member of Task Force
875.1400	Inhalation Exposure – Indoor	42030914 42182601 45869301	Sumitomo Chemical Company Sumitomo Chemical Company McLaughlin, Gormley, King Co.	OLD OLD OLD	
875.1600	Data Reporting and Calculations		Residential Exposure Joint Venture	PER	Member of Task Force
875.1700	Product Use Information		Residential Exposure Joint Venture	PER	Member of Task Force
875.2200	Soil Residue Dissipation		Residential Exposure Joint Venture	PER	Member of Task Force


Signature 	Name and Title Heather Friedli Regulatory Affairs Specialist	Date October 14, 2021
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Applicant's / Registrant's Name & Address Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173		Product Prallethrin Technical NC			
Ingredient Prallethrin (CAS No.23031-36-9)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2400	Dermal Exposure		Residential Exposure Joint Venture	PER	Member of Task Force
875.2500	Inhalation Exposure	45869301	McLaughlin, Gormley, King Co.	OLD	
875.3000	Nondietary Ingestion Exposure		Non-Dietary Exposure Task Force (NDETF)	PER	Member of Task Force
Spray Drift Guidelines					
840.1100, 840.1200	Spray Drift		Spray Drift Task Force	PER	Member of Task Force
Environmental Fate Guidelines					
835.1230	Leaching and Adsorption/Desorption	42810801 49176901	Sumitomo Chemical Company Sumitomo Chemical Company	OLD PAY	
835.2120	Hydrolysis	42838602	Sumitomo Chemical Company	OLD	
835.2240	Photodegradation in Water	43797601	Sumitomo Chemical Company	OLD	
835.2410	Photodegradation on Soil	43797602 43797603	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
835.2370	Photodegradation in Air	43773401	Sumitomo Chemical Company	OLD	
835.4100	Aerobic Soil Metabolism	42838601	Sumitomo Chemical Company	OLD	
835.4200	Anaerobic Soil Metabolism	44366601 44366602 49176902	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD PAY	
835.4300	Aerobic Aquatic Metabolism	44861001 44861002	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
835.6100	Soil Field Dissipation Study	49176906	Sumitomo Chemical Company	PAY	
Residue Data Guidelines					
860.1460	Food Handling Residue	42509001 42509002 42509003 42509004	McLaughlin, Gormley, King Co. McLaughlin, Gormley, King Co. McLaughlin, Gormley, King Co. McLaughlin, Gormley, King Co.	OLD OLD OLD OLD	
Signature 			Name and Title Heather Friedli Regulatory Affairs Specialist		Date October 14, 2021

Endnotes for Data Matrix for Prallethrin Technical NC

- ¹ **830.1650 – Description of Formulation Process:** These data are not required for the registration of a manufacturing use product. See 830.1620 for production process information.
- ² **830.6314 – Oxidation/Reduction: Chemical Incompatibility:** Prallethrin Technical NC contains no oxidizing or reducing agents.
- ³ **830.6315 – Flammability:** Prallethrin Technical NC contains no combustible liquids.
- ⁴ **830.6316 – Explodability:** Prallethrin is not potentially explosive.
- ⁵ **830.6319 – Miscibility:** Prallethrin Technical NC is not an emulsifiable liquid.
- ⁶ **830.6321 – Dielectric Breakdown Voltage:** Prallethrin Technical NC is a technical material and not intended for use around electrical equipment.
- ⁷ **830.7220 – Melting Point/Melting Range:** Prallethrin Technical NC is a liquid at room temperature.
- ⁸ **830.7520 – Particle Size, Fiber Length, and Diameter Distribution:** Prallethrin Technical NC is neither water insoluble nor fibrous in nature.
- ⁹ **870.6100 – Delayed neurotoxicity (acute) – hen:** Prallethrin Technical NC is not an organophosphate material.
- ¹⁰ **870.3250 – 90-Day Dermal Toxicity:** Not required per the November 16, 2016 Prallethrin Revised Draft Human Health Risk Assessment for Registration Review. DP Barcode D426482.
- ¹¹ **870.7600 – Dermal Penetration:** Not required per the November 16, 2016 Prallethrin Revised Draft Human Health Risk Assessment for Registration Review. DP Barcode D426482.
- ¹² **870.7800 – Immunotoxicity:** Waived based upon the HASPOC memorandum titled, Synthetic Pyrethroids: Summary of Hazard and Science Policy Council (HASPOC) Meeting on July 25, 2013: Recommendations on Data Requirement for Immunotoxicity Studies for Synthetic Pyrethroid Pesticides.



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Certification with Respect to Citation of Data

Applicant's/Registrant's Name, Address, and Telephone Number Central Garden & Pet Co., 1501 E. Woodfield Rd, Ste 200 W, Schaumburg, IL, 60173 (847) 330-5378	EPA Registration Number/File Symbol 89459-XXX
Active Ingredient(s) and/or representative test compound(s) Prallethrin	Date June 9, 2020
General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158) For Formulating Use Only	Product Name Prallethrin Technical NC

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulator's Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

<input type="checkbox"/> I am using the cite-all method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).	<input checked="" type="checkbox"/> I am using the selective method of support (or cite-all option under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).
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SECTION II: GENERAL OFFER TO PAY

[Required if using the cite-all method or when using the cite-all option under the selective method to satisfy one or more data requirements]

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FIFRA.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for reregistration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for reregistration, or the Data-Call-In response. In addition, if the cite-all option or cite-all option under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or reregistration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or reregistration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA; and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FIFRA are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may initiate action to deny, cancel or suspend the registration of my product in conformity with FIFRA.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

Signature 	Date June 9, 2020	Typed or Printed Name and Title Heather Friedli, Regulatory Affairs Specialist
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<div style="text-align: center;"> United States Environmental Protection Agency 1200 Pennsylvania Avenue, N.W. Washington, DC 20460-0001 </div>	<input checked="" type="checkbox"/> Registration <input type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide – Section I

1. Company/Product Number Central Garden & Pet Company/89459-XXX	2. EPA Product Manager Jackie Herrick	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/ Product (Name) Central Garden & Pet Company/Prallethrin Technical NC	PM # 3	
5. Name and Address of Applicant (Include ZIP Code) Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i) my product is similar or identical in composition and labeling to: EPA Reg. No.: Product Name:

Section – II

<input type="checkbox"/> Amendment – Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input type="checkbox"/> Notification – Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input checked="" type="checkbox"/> Other – Explain below.
---	--

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

R334 application for a new technical registration of prallethrin that is similar in labeling to EPA Reg No. 10308-12.
For questions, contact: Heather Friedli at 847-330-5378 or hfriedli@central.com.

Section – III

1. Material This Product Will Be Packaged In:					
Child Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify): _____		
*Certification must be submitted		If "Yes" Unit Packaging Wt.	No. Per Container	If "Yes" Packaging Wt.	No. Per Container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 55 gal, 250 gal		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling Accompanying Product	
6. Manner in Which Label is Affixed to Product <div style="display: flex; justify-content: space-around;"> <input type="checkbox"/> Lithograph <input type="checkbox"/> Stenciled <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Other </div>					

Section – IV


1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).			
Name Heather Friedli	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) (847)330-5378	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Affairs Specialist	
4. Typed Name Heather Friedli		5. Date June 9, 2020	



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DATA MATRIX


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Applicant's / Registrant's Name & Address Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173			Product Prallethrin Technical NC		
Ingredient Prallethrin (CAS No.23031-36-9)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Chemistry Guidelines					
830.1550	Product Identity and Composition	51176501	Central Garden & Pet Company	OWN	
830.1600	Description of Materials Used to Produce the Product	51176501	Central Garden & Pet Company	OWN	
830.1620	Description of Production Process	51176501	Central Garden & Pet Company	OWN	
830.1650	Description of Formulation Process	N/A			Not Required ¹
830.1670	Discussion of Formation of Impurities	51176501	Central Garden & Pet Company	OWN	
830.1700	Preliminary Analysis	51176502	Central Garden & Pet Company	OWN	
830.1750	Certified Limits	51176501	Central Garden & Pet Company	OWN	
830.1800	Enforcement Analytical Method	51176505	Central Garden & Pet Company	OWN	
830.6302	Color	51176503	Central Garden & Pet Company	OWN	
830.6303	Physical State	51176503	Central Garden & Pet Company	OWN	
830.6304	Odor	51176503	Central Garden & Pet Company	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	51176503	Central Garden & Pet Company	OWN	
830.6314	Oxidation/Reduction: Chemical Incompatibility	N/A			Not Required ²
830.6315	Flammability	N/A			Not Required ³
830.6316	Explosibility	N/A			See endnote ⁴
830.6317	Storage Stability	51176504	Central Garden & Pet Company	OWN	
830.6319	Miscibility	N/A			Not Required ⁵
830.6320	Corrosion Characteristics	51176504	Central Garden & Pet Company	OWN	
830.6321	Dielectric Breakdown Voltage	N/A			Not Required ⁶
830.7000	pH	51176503	Central Garden & Pet Company	OWN	
Signature 			Name and Title Heather Friedli Regulatory Affairs Specialist		Date June 9, 2020



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Ingredient Prallethrin (CAS No.23031-36-9)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7050	UV/Visible Absorption	51176503	Central Garden & Pet Company	OWN	
830.7100	Viscosity	44785302	Sumitomo Chemical Company	OLD	
830.7200	Melting Point/Melting Range	N/A			Not Required ⁷
830.7220	Boiling Point/Boiling Range	51176503	Central Garden & Pet Company	OWN	
830.7300	Density/Relative Density/Bulk Density	51176503	Central Garden & Pet Company	OWN	
830.7370	Dissociation Constants in Water	44785302	Sumitomo Chemical Company	OLD	
830.7520	Particle Size, Fiber Length, and Diameter Distribution	N/A			Not Required ⁸
830.7550, 830.7560, 830.7570	Partition Coefficient (n-octanol/water)	44785302	Sumitomo Chemical Company	OLD	
830.7840, 830.7860	Water Solubility	44785302	Sumitomo Chemical Company	OLD	
830.7950	Vapor Pressure	50326201	Sumitomo Chemical Company	PAY	
Acute Toxicity Guidelines					
870.1100	Acute Oral Toxicity: Rat	42030903	Sumitomo Chemical Company	OLD	
870.1200	Acute Dermal Toxicity: Rat	41321812	Sumitomo Chemical Company	OLD	
870.1300	Acute Inhalation Toxicity: Rat	49937501	Sumitomo Chemical Company	PAY	
870.2400	Primary Eye Irritation: Rabbit	42030905	Sumitomo Chemical Company	OLD	
870.2500	Primary Dermal Irritation: Rabbit	42030905	Sumitomo Chemical Company	OLD	
870.2600	Dermal Sensitization	41321815	Sumitomo Chemical Company	OLD	
Toxicity Data Guidelines					
870.6100	Delayed neurotoxicity (acute) – hen	N/A			Not Required ⁹
Signature 			Name and Title Heather Friedli Regulatory Affairs Specialist		Date June 9, 2020



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Ingredient Prallethrin (CAS No.23031-36-9)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.6200	Acute neurotoxicity – rat	43343301 43694501 48333801	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD PAY	
870.3100	90-Day Oral: Rodent	41321816 42077004	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
870.3150	90-Day Oral: Non-Rodent	41321817 42077001	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
870.3200	21/28 Day Dermal Toxicity	42999101	Sumitomo Chemical Company	OLD	
870.3250	90-Day Dermal Toxicity	N/A			Not Required ¹⁰
870.3465	90-Day Inhalation Toxicity	42030907	Sumitomo Chemical Company	OLD	
870.3700	Prenatal Developmental Toxicity Study	41321820 41321821 42077005 42030908	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD OLD	
870.3800	Reproduction and Fertility Effects	42030909 42077006 42178501	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD	
870.4100	Chronic Toxicity – Non-Rodent	42077002	Sumitomo Chemical Company	OLD	
870.4200	Carcinogenicity	42077003	Sumitomo Chemical Company	OLD	
870.4300	Combined Chronic Toxicity/Carcinogenicity	41321819 42061401	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
870.5100	Bacterial Reverse Mutation Assay	41321822	Sumitomo Chemical Company	OLD	
870.5265, 870.5300, 870.5375, 870.5395	Mutagenicity Testing	41321822 41321823 41321824 42030910 42999901	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD OLD OLD	
870.5550	Bacterial DNA Damage or Repair Tests	42030912	Sumitomo Chemical Company	OLD	
Signature 			Name and Title Heather Friedli Regulatory Affairs Specialist		Date June 9, 2020



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Ingredient Prallethrin (CAS No.23031-36-9)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.6300	Developmental neurotoxicity study	46054101	Bayer CropScience	OLD	
870.7485	Metabolism and Pharmacokinetics	41321827 42030913	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
870.7600	Dermal Penetration	N/A			Not Required ¹¹
870.7800	Immunotoxicity	N/A			See endnote ¹²
Environmental Toxicity Guidelines					
850.2100	Acute Avian Oral Toxicity	41321804 41321805	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
850.2200	Acute Avian Dietary Toxicity	41321806 41321807	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
850.2300	Avian Reproductive Toxicity	43773403 43797604	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
850.1075	Freshwater/Estuarine/Marine Fish Toxicity	41321808 41321809 44729604 49430801	Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD OLD PAY	
850.1010	Freshwater Invertebrate Toxicity	41321810 49450701	Sumitomo Chemical Company Sumitomo Chemical Company	OLD PAY	
850.1025, 850.1035, 850.1055	Acute Toxicity Estuarine and Marine Organisms	44729601 44729603	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
Signature 			Name and Title Heather Friedli Regulatory Affairs Specialist		Date June 9, 2020



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Applicant's / Registrant's Name & Address Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173	Product Prallethrin Technical NC	

Ingredient Prallethrin (CAS No.23031-36-9)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1300	Aquatic Invertebrate Life Cycle (Freshwater)	44729605	Sumitomo Chemical Company	OLD	
850.1350	Aquatic Invertebrate Life Cycle (Salt Water)	49176905	Sumitomo Chemical Company	PAY	
850.1400	Fish Early Life Stage (Freshwater)	44729604	Sumitomo Chemical Company	OLD	
850.1730	Fish Bioconcentration Factor	42810802	Sumitomo Chemical Company	OLD	
		43758001	Sumitomo Chemical Company	OLD	
850.1735	Whole Sediment, Freshwater Invertebrate Toxicity	47762401	Sumitomo Chemical Company	PAY	
		49452601	Sumitomo Chemical Company	PAY	
850.3020	Honeybee acute contact toxicity	41321828	Sumitomo Chemical Company	OLD	
850.3030	Honeybee toxicity of residues on foliage	43749301	Sumitomo Chemical Company	OLD	
850.4100	Tier I: Seedling Emergence	47431602	Sumitomo Chemical Company	PAY	
850.4150	Tier I: Vegetative Vigor	47431603	Sumitomo Chemical Company	PAY	
850.4400	Tier I: Aquatic Plant Growth – Vascular Plants	48055902	McLaughlin, Gormley, King Co.	PAY	
850.5400	Tier I: Aquatic Plant Growth – Algae	49176903	Sumitomo Chemical Company	PAY	
		49176909	Sumitomo Chemical Company	PAY	
850.6100	Environmental Chemistry Methods	49472701	Sumitomo Chemical Company	PAY	

Exposure Guidelines

875.1100	Dermal Exposure – Outdoor		Residential Exposure Joint Venture	PER	Member of Task Force
875.1300	Inhalation Exposure – Outdoor		Residential Exposure Joint Venture	PER	Member of Task Force
875.1400	Inhalation Exposure – Indoor	45869301	McLaughlin, Gormley, King Co.	OLD	
875.1600	Data Reporting and Calculations		Residential Exposure Joint Venture	PER	Member of Task Force
875.1700	Product Use Information		Residential Exposure Joint Venture	PER	Member of Task Force
875.2200	Soil Residue Dissipation		Residential Exposure Joint Venture	PER	Member of Task Force


Signature 	Name and Title Heather Friedli Regulatory Affairs Specialist	Date June 9, 2020
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
401 M Street, S.W.
WASHINGTON, D.C. 20460

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DATA MATRIX

Date June 9, 2020		EPA Reg. No./File Symbol 89459-XXX		Page 6 of 7	
Applicant's / Registrant's Name & Address Central Garden & Pet Company 1501 E. Woodfield Road, Ste. 200W Schaumburg, IL 60173		Product Prallethrin Technical NC			
Ingredient Prallethrin (CAS No.23031-36-9)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2400	Dermal Exposure		Residential Exposure Joint Venture	PER	Member of Task Force
875.2500	Inhalation Exposure	45869301	McLaughlin, Gormley, King Co.	OLD	
875.3000	Nondietary Ingestion Exposure		Non-Dietary Exposure Task Force (NDETF)	PER	Member of Task Force
Spray Drift Guidelines					
840.1100, 840.1200	Spray Drift		Spray Drift Task Force	PER	Member of Task Force
Environmental Fate Guidelines					
835.1230	Leaching and Adsorption/Desorption	42810801	Sumitomo Chemical Company	OLD	
835.2120	Hydrolysis	42838602	Sumitomo Chemical Company	OLD	
835.2240	Photodegradation in Water	43797601	Sumitomo Chemical Company	OLD	
835.2410	Photodegradation on Soil	43797602 43797603	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
835.4100	Aerobic Soil Metabolism	42838601	Sumitomo Chemical Company	OLD	
835.4200	Anaerobic Soil Metabolism	44366601 44366602	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
835.4300	Aerobic Aquatic Metabolism	44861001 44861002	Sumitomo Chemical Company Sumitomo Chemical Company	OLD OLD	
835.6100	Soil Field Dissipation Study	49176906	Sumitomo Chemical Company	PAY	
Residue Data Guidelines					
860.1460	Food Handling Residue	42509001 42509002 42509003 42509004	McLaughlin, Gormley, King Co. McLaughlin, Gormley, King Co. McLaughlin, Gormley, King Co. McLaughlin, Gormley, King Co.	OLD OLD OLD OLD	
Signature 			Name and Title Heather Friedli Regulatory Affairs Specialist		Date June 9, 2020

Endnotes for Data Matrix for Prallethrin Technical NC

- ¹ **830.1650 – Description of Formulation Process:** These data are not required for the registration of a manufacturing use product. See 830.1620 for production process information.
- ² **830.6314 – Oxidation/Reduction: Chemical Incompatibility:** Prallethrin Technical NC contains no oxidizing or reducing agents.
- ³ **830.6315 – Flammability:** Prallethrin Technical NC contains no combustible liquids.
- ⁴ **830.6316 – Explodability:** Prallethrin is not potentially explosive.
- ⁵ **830.6319 – Miscibility:** Prallethrin Technical NC is not an emulsifiable liquid.
- ⁶ **830.6321 – Dielectric Breakdown Voltage:** Prallethrin Technical NC is a technical material and not intended for use around electrical equipment.
- ⁷ **830.7220 – Melting Point/Melting Range:** Prallethrin Technical NC is a liquid at room temperature.
- ⁸ **830.7520 – Particle Size, Fiber Length, and Diameter Distribution:** Prallethrin Technical NC is neither water insoluble nor fibrous in nature.
- ⁹ **870.6100 – Delayed neurotoxicity (acute) – hen:** Prallethrin Technical NC is not an organophosphate material.
- ¹⁰ **870.3250 – 90-Day Dermal Toxicity:** Not required per the November 16, 2016 Prallethrin Revised Draft Human Health Risk Assessment for Registration Review. DP Barcode D426482.
- ¹¹ **870.7600 – Dermal Penetration:** Not required per the November 16, 2016 Prallethrin Revised Draft Human Health Risk Assessment for Registration Review. DP Barcode D426482.
- ¹² **870.7800 – Immunotoxicity:** Waived based upon the HASPOC memorandum titled, Synthetic Pyrethroids: Summary of Hazard and Science Policy Council (HASPOC) Meeting on July 25, 2013: Recommendations on Data Requirement for Immunotoxicity Studies for Synthetic Pyrethroid Pesticides.



Heather Friedli
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Central Garden & Pet Company
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October 14, 2021

U.S. Environmental Protection Agency
Document Processing Desk (REGFEE)
Office of Pesticide Programs (7504P)
Room S4900, One Potomac Yard
2777 Crystal Drive
Arlington, VA 22202

Attn: Jackie Herrick PM #3

RE: Response to 75-Day Letter - Submission of Amended Report & Updated Data Matrix for 89459-RGN (Prallethrin Technical NC)

Dear Ms. Herrick,

Central Garden & Pet Company is submitting an amended preliminary analysis report with an updated data matrix for Prallethrin Technical NC, EPA Admin. Code 89459-RGN, in response to the Agency's May 27, 2021 75-Day letter. Per my September 22, 2021 email to you, I had notified Jamey Shuler that, due to unforeseen circumstances, we had missed our August 10, 2021 75-Day letter response date, and he suggested that if I send you an email explaining the situation, you might be able to offer forgiveness and offer an extension on the due date. Per your October 14, 2021 email, allowing for the continuation of the data review, we hereby submit our response to the May 27, 2021 75-Day letter.

Control Solutions was the original sponsor for Prallethrin Technical NC and due to a business arrangement, Central Garden & Pet Company made the submission of the application for registration. Included with our application was a letter of authorization from Control Solutions for the use and submission of the following study that was initially prepared and signed by Control Solutions:

1. Prallethrin Technical: Preliminary Analysis. Study No. 50584. Amended Report.

The following documentation is included with this application:

1. Application for Pesticide Registration (EPA Form 8570-1)
2. Certification with Respect to Citation of Data Form (EPA Form 8570-34)
3. Data Matrix (EPA Form 8570-35)
4. Transmittal Document and one (1) study

Please feel free to contact me by email at hfriedli@central.com or by phone at 847-330-5378, should you have any questions regarding this submission or need any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "H. Friedli", written over a light blue horizontal line.

Heather Friedli
Regulatory Affairs Specialist

TRANSMITTAL DOCUMENT**SUBMITTED BY**

Central Garden & Pet Company
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173

REGULATORY ACTION IN SUPPORT OF WHICH THIS PACKAGE IS SUBMITTED

Data to Support the Application for Registration of Prallethrin Technical NC
EPA Reg. No. 89459-RGN

TRANSMITTAL DATE

October 14, 2021

LIST OF SUBMITTED STUDIES

51694601 Volume 1 of 1 Bellizio, J. 2021. Prallethrin Technical: Preliminary Analysis. Product Safety
Labs. Study No. 50584.

COMPANY OFFICIAL: Heather Friedli
Regulatory Affairs Specialist



COMPANY NAME: Central Garden & Pet Company

COMPANY CONTACT: Heather Friedli (847) 330-5378



Confirmation

Your payment has been submitted to the designated government agency through Pay.gov and the details are below. Please note that this is just a confirmation of transaction submission. To confirm that the payment processed as expected, you may refer to your bank statement on the scheduled payment date. If you have any questions or wish to cancel this payment, you will need to contact the agency you paid at your earliest convenience.

Tracking Information

Pay.gov Tracking ID: 26P5L93G

Agency Tracking ID: 76006765710

Form Name: Pesticide Registration Improvement Act - Prepayment

Application Name: PRIA Service Fees

Payment Information

Payment Type: Bank account (ACH)

Payment Amount: \$24,255.00

Transaction Date: 06/09/2020 03:52:13 PM EDT

Payment Date: 06/10/2020

Registration Number: 89459-XXX

Commercial/financial information may be entitled to confidential treatment

Company Name: Central Garden Pet Co.

Company Number: 89459

Action Code: R334

Account Information

Account Holder Name: Central Garden & Pet Company

Routing Number: XXXXXXXXXX

Account Number: *****0755

TRANSMITTAL DOCUMENT**SUBMITTED BY**

Central Garden & Pet Company
1501 E. Woodfield Road, Suite 200W
Schaumburg, IL 60173

REGULATORY ACTION IN SUPPORT OF WHICH THIS PACKAGE IS SUBMITTED

Data to Support the Application for Registration of Prallethrin Technical NC
EPA Reg. No. 89459-XXX

TRANSMITTAL DATE

June 9, 2020

LIST OF SUBMITTED STUDIES

- | | | |
|-----------------|---------------|---|
| 51176501 | Volume 1 of 5 | Moorman, R. 2020. Product Identity and Composition of Prallethrin Technical NC. Central Garden & Pet Company. Study No. 5980. |
| 51176502 | Volume 2 of 5 | Ansah-Johnson, L. 2019. Prallethrin Technical: Preliminary Analysis. Product Safety Labs. Study No. 50584. |
| 51176503 | Volume 3 of 5 | Wo, C. 2019. Prallethrin Technical: Physical and Chemical Characteristics: Color, Physical State, Odor, Stability to Normal and Elevated Temperature, pH, UV/Visible Absorption, Boiling Point, and Density/Relative Density. Product Safety Labs. Study No. 50585. |
| 51176504 | Volume 4 of 5 | Ansah-Johnson, L. 2019. Prallethrin Technical: Accelerated Storage Stability and Corrosion Characteristics. Product Safety Labs. Study No. 50583. |
| 51176505 | Volume 4 of 5 | Ansah-Johnson, L. 2019. Prallethrin Technical: Enforcement Analytical Method for the Determination of Prallethrin by Gas Chromatography. Product Safety Labs. Study No. 50583 EAM. |

COMPANY OFFICIAL: Heather Friedli
Regulatory Affairs Specialist



COMPANY NAME: Central Garden & Pet Company

COMPANY CONTACT: Heather Friedli (847) 330-5378



Heather Friedli
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Central Garden & Pet Company
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June 9, 2020

U.S. Environmental Protection Agency
Document Processing Desk (REGFEE)
Office of Pesticide Programs (7504P)
Room S4900, One Potomac Yard
2777 Crystal Drive
Arlington, VA 22202

Attn: Jackie Herrick PM #3

**RE: R334 New Selective Cite Technical Registration for Prallethrin
89459-XXX (Prallethrin Technical NC)
PRIA Category R334 – 11 Month Review – PRIA Fee \$24,255**

Dear Ms. Herrick,

Central Garden & Pet Company is submitting an application for a new technical registration of prallethrin. This application uses the selective cite method to address the generic data requirements. The product label is modeled after EPA Reg. No. 10308-12. The PRIA category is R334, with an 11-month review time and a fee of \$24,255, which has been paid via Pay.gov.

Control Solutions was the original sponsor for Prallethrin Technical NC and due to a business arrangement, Central Garden & Pet Company is making the submission of the application for registration. Included with this submission is a letter of authorization from Control Solutions for the use and submission of the following studies that were initially prepared and signed by Control Solutions:

1. Prallethrin Technical: Preliminary Analysis. Study No. 50584.
2. Prallethrin Technical: Physical and Chemical Characteristics: Color, Physical State, Odor, Stability to Normal and Elevated Temperature, pH, UV/Visible Absorption, Boiling Point, and Density/Relative Density. Study No. 50585.
3. Prallethrin Technical: Accelerated Storage Stability and Corrosion Characteristics. Study No. 50583.
4. Prallethrin Technical: Enforcement Analytical Method for the Determination of Prallethrin by Gas Chromatography. Study No. 50583 EAM.

In addition to the four above studies, we are submitting the following study, prepared by Central Garden & Pet Company:

1. Product Identity and Composition of Prallethrin Technical NC. Study No. 5980

The following documentation is included with this application:

1. Cover Letter
2. Application for Pesticide Registration (EPA Form 8570-1)
3. Prallethrin Technical NC Product Label
4. Confidential Statement of Formula (EPA Form 8570-4)
5. Certification with Respect to Citation of Data Form (EPA Form 8570-34)
6. Data Matrix (EPA Form 8570-35)
7. Transmittal Document and five (5) studies
8. Letter of Authorization from Control Solutions for permission to use and submit 4 studies
9. Receipt for PRIA Payment of \$24,255

Please feel free to contact me by email at hfriedli@central.com or by phone at 847-330-5378, should you have any questions regarding this submission or need any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'H. Friedli', with a stylized flourish at the end.

Heather Friedli
Regulatory Affairs Specialist

June 4, 2020

U.S. Environmental Protection Agency
Office of Pesticide Programs (7504P)
Room S4900, One Potomac Yard
2777 Crystal Drive
Arlington, VA 22202

Attn: Jackie Herrick PM #3

Control Solutions, Inc. (CSI) hereby authorizes Central Garden and Pet to submit the following studies in support of their application for registration of Prallethrin Technical NC. These studies were sponsored and signed by CSI and were conducted at Product Safety Labs and are being made available to Central Garden & Pet through a business arrangement between the two companies.

1. Ansah-Johnson, L. 2019. Prallethrin Technical: Preliminary Analysis. Product Safety Labs. Study No. 50584.
2. Wo, C. 2019. Prallethrin Technical: Physical and Chemical Characteristics: Color, Physical State, Odor, Stability to Normal and Elevated Temperature, pH, UV/Visible Absorption, Boiling Point, and Density/Relative Density. Product Safety Labs. Study No. 50585.
3. Ansah-Johnson, L. 2019. Prallethrin Technical: Accelerated Storage Stability and Corrosion Characteristics. Product Safety Labs. Study No. 50583.
4. Ansah-Johnson, L. 2019. Prallethrin Technical: Enforcement Analytical Method for the Determination of Prallethrin by Gas Chromatography. Product Safety Labs. Study No. 50583 EAM

Sincerely,



Marie Knox
Director of Product Development & Regulatory
Control Solutions Inc.